METHODS AND APPARATUS FOR PRODUCING A CONFIGURATION FOR COMPONENTS OF A NETWORK

ABSTRACT OF THE DISCLOSURE

A computerized device displays graphical representations of network components of the network where each graphical representation shows corresponding interconnections (e.g., architecture) of the network components. The computerized device also displays graphical representations of software applications for installation on the network components of the network. When a network administrator selects a particular graphical representation of the network components and a particular graphical representation of a software application, the computerized device detects the operability of the network components and the software application, related to the respective graphical representations. Based on the selections, the computerized device informs the network administrator of the operability or inoperability of the particular network component architecture with the selected software application, thereby minimizing the administrator's time in manually designing the network. Furthermore, based on the selections, the computerized device automatically configures the network components and deploys the software application onto the network components.